



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Application No. :** 10/023,387 **Confirmation No.:** 5371  
**Applicants:** Barry E. Burke et al.  
**Filed:** December 17, 2001  
**TC/A.U.:** 2822  
**Examiner:** Kevin M. Picardat  
**Docket No.:** MIT7480DIV  
**For:** Fabrication of a High-Precision Blooming Control Structure  
for an Image Sensor

COMMISSIONER FOR PATENTS  
P. O. BOX 1450  
ALEXANDRIA, VIRGINIA 22313-1450

I hereby certify that this correspondence is  
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January 21, 2006  
*[Signature]*

**INFORMATION DISCLOSURE STATEMENT FILED PURSUANT**  
**TO THE DUTY OF DISCLOSURE UNDER 37 CFR §1.56, §1.97, AND §1.98**

Pursuant to the duty of disclosure under 37 CFR §1.56, §1.97, and §1.98, the Applicants  
request consideration of this Information Disclosure Statement.

**Compliance with 37 CFR §1.97:**

This Information Disclosure Statement is hereby filed with a Request for  
Continued Examination under §1.97 (b) at a time prior to the mailing date of a first Office Action  
on the merits of the application, and no fee is required. If a fee is required, please apply such to  
Deposit Account No. 19-2553.

Information Cited:

The Applicants hereby make of record in the instant application the information listed on the attached 3 total pages of Forms PTO/SB/08A, of 2 pages, and PTO/SB/08B, of 1 page. The order of presentation of the references on the forms should not be construed as an indication of the importance of the references. A copy of each of the listed items is enclosed.

Remarks:

Items A1, A2, A4, A9, and A16 were cited by the Examiner in prosecution of USSN 09/204,483, now U.S. No. 6,331,873, the parent application from which the instant application claims priority as a divisional application.

Items A5, A10, A22, B1, and B2 were cited in the International Search Report for International Application PCT/US99/28720, which is the international application counterpart to the parent application USSN 09/204,483, now U.S. No. 6,331,873. A copy of the International Search Report accompanies this Information Disclosure Statement.

The remaining items were cited by the Applicants in prosecution of parent application USSN 09/204,483, now U.S. No. 6,331,873.

The Applicants respectfully request that:

1. The Examiner consider completely the cited information in reaching a determination concerning the patentability of the pending claims;
2. The enclosed Forms PTO/SB/08A and PTO/SB/08B be initialed and signed by the Examiner and a signed copy returned to the undersigned Agent to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and

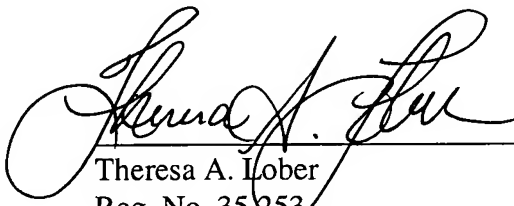
3. The citations for the information listed on the enclosed Forms PTO/SB/08A and PTO/SB/08B be printed on any patent that issues from this application.

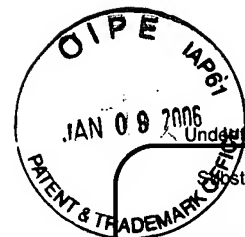
In submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist. In submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b). In submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Respectfully Submitted

Date: January 4, 2006  
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Customer Number 26247



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/023,387
Filing Date	December 17, 2001
First Named Inventor	Barry E. Burke
Art Unit	2822
Examiner Name	K. M. Picardat
Attorney Docket Number	MIT7480DIV

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US- 3,863,065	01-28-1975	Kosonocky et al.	
	A2	US- 3,873,371	03-25-1975	Wolf	
	A3	US- 3,914,857	10-28-1975	Goser et al.	
	A4	US- 4,450,484	05-22-1984	Terakawa et al.	
	A5	US- 4,579,626	04-01-1986	Wallace	
	A6	US- 4,593,303	06-03-1986	Dyck et al.	
	A7	US- 4,607,429	08-26-1986	Kosonocky et al.	
	A8	US- 4,658,497	04-21-1987	Savoye et al.	
	A9	US- 5,047,359	09-10-1991	Nagatomo	
	A10	US- 5,051,798	09-24-1991	Kimura	
	A11	US- 5,118,631	06-02-1992	Dyck et al.	
	A12	US- 5,122,850	06-16-1992	Burkey	
	A13	US- 5,124,557	06-23-1992	Aitken	
	A14	US- 5,160,846	11-03-1992	Ray	
	A15	US- 5,264,707	11-23-1993	Akiyama et al.	
	A16	US- 5,270,226	12-14-1993	Hori et al.	
	A17	US- 5,349,216	09-20-1994	Lee et al.	
	A18	US- 5,372,957	12-13-1994	Liang et al.	
	A19	US- 5,444,007	08-22-1995	Tsuchiaki	

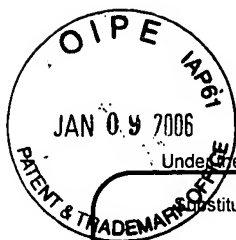
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A20	DE 2341179	08-14-197	Siemens AG		
	A21	JP 3142841	06-18-1991	Fujitsu Ltd		
	A22	JP 9289309	11-04-1997	NEC Corp		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031  
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Sheet 2 of 3

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		Number-Kind Code <sup>2</sup> (if known)			
	A23	US- 5,500,868	03-19-1996	Kurihara	
	A24	US- 5,518,941	05-21-1996	Lin et al.	
	A25	US- 5,567,632	10-22-1996	Nakashiba et al.	
	A26	US- 5,569,946	10-29-1996	Hong	
	A27	US- 5,614,744	03-25-1997	Merrill	
	A28	US- 5,619,049	04-08-1997	Kim	
	A29	US- 5,714,776	02-03-1998	Banghart et al.	
	A30	US- 5,736,416	04-07-1998	Johansson	
	A31	US- 5,804,465	09-08-1998	Banghart et al.	
	A32	US- 5,827,774	10-27-1998	Kitajima	
	A33	US- 5,849,605	12-15-1998	Yamada	
	A34	US- 6,331,873	12-18-2001	Burke et al.	
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**FOREIGN PATENT DOCUMENTS**

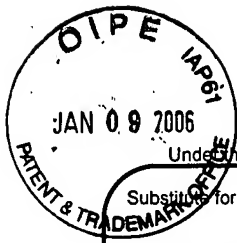
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Attorney Docket Number	MIT7480DIV		
Sheet	3	of	3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	B1	HORI et al., "A New Submicron MOSFET with LATID (LArge-Tilt-Angle Implanted Drain)," Symposium on VLSI Technology, IEE & JSAQP, Vol. Symp. 8, pp. 15-16, May 1988.	
	B2	Patent Abstracts of Japan, Vol. 1998, No. 3, Feb. 1998.	
	B3	BURKE et al., "Large-Area Back-Illuminated CCD Imager Development," in Optical Detectors for Astronomy, Beletic et al., Eds., pp. 19-28, Kluwer Academic Publishers, Netherlands, 1998.	
	B4	SAVOYE et al., "High sensitivity charge-coupled devie (CCD) imagers for television, SPIE Vol. 501, "State-of-the-Art Imaging Arrays and Their Applications," pp. 32-39, 1984.	

Examiner Signature		Date Considered	
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